

## Main Activity

### Source Codes

#### **SampleActivity. Java**

```
package com.home;
import android.annotation.TargetApi;
import android.app.Activity;
import android.content.ComponentName;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.media.AudioManager;
import android.net.Uri;
import android.os.Build;
import android.os.Bundle;
import android.provider.ContactsContract;
import android.provider.MediaStore;
import android.util.TypedValue;
import android.view.Menu;
import android.view.MenuInflater;
import android.view.MenuItem;
import android.view.View;
import com.home.Help;
import com.home.R;
import com.korovyansk.android.slideout.SlideoutActivity;
public class SampleActivity extends Activity {
    @TargetApi(11)
    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.homescreen);
        if(Build.VERSION.SDK_INT >= Build.VERSION_CODES.HONEYCOMB){
            getActionBar().hide();
        }
        findViewById(R.id.sample_button).setOnClickListener(
            new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    int width =
(int)TypedValue.applyDimension(TypedValue.COMPLEX_UNIT_DIP, 40,
getResources().getDisplayMetrics());
```

```

R.id.inner_content, width);

SlideoutActivity.prepare(SampleActivity.this,

startActivity(new Intent(SampleActivity.this,
                        MenuActivity.class));
overridePendingTransition(0, 0);

    }

});

}

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    MenuInflater inflater = getMenuInflater();
    inflater.inflate(R.menu.menu, menu);
    return true;
}

@Override
public boolean onOptionsItemSelected(MenuItem item) {
    switch (item.getItemId()) {
        case R.id.help:    startActivity(new Intent(this, Help.class));
                           break;
        case R.id.about:   startActivity(new Intent(this, About.class));
                           break;
        case R.id.menu_settings: startActivity(new
Intent(android.provider.Settings.ACTION_SETTINGS));
                           break;
        case R.id.close_app: closeApp(null);
                           break;

    }
    return true;
}

//call method
public void makeCall(View view) {
    Intent callIntent = new Intent(Intent.ACTION_DIAL);
    startActivity(callIntent);
}

//text method
public void openText(View view) {
    Intent textIntent = new Intent(Intent.ACTION_VIEW);
    textIntent.setData(Uri.parse("sms:"));
    textIntent.setClassName("com.android.mms", "com.android.mms.ui.ConversationList");
    startActivity(textIntent);
}

//camera method

```

```

public void openCamera(View view) {
    Intent cameraIntent = new Intent(MediaStore.ACTION_IMAGE_CAPTURE);
    startActivity(cameraIntent);
}
//video method
public void openVideo(View view) {
    Intent videoIntent = new Intent(MediaStore.ACTION_VIDEO_CAPTURE);
    startActivity(videoIntent);
}
//contacts method
public void openContacts(View view) {
    Intent contactsIntent = new Intent(Intent.ACTION_PICK,
ContactsContract.Contacts.CONTENT_URI);
    startActivity(contactsIntent);
}

//facebook method
public void openFacebook(View view) {
    Intent facebookIntent = new Intent();
    PackageManager manager = getPackageManager();
    facebookIntent = manager.getLaunchIntentForPackage("com.facebook.katana");
    facebookIntent.addCategory(Intent.CATEGORY_LAUNCHER);
    startActivity(facebookIntent);
}
//calendar method
public void openCalendar(View view) {
    ComponentName componentName = new ComponentName("com.android.calendar",
        "com.android.calendar.LaunchActivity");
    if (componentName != null) {
        Intent intent = new Intent(android.content.Intent.ACTION_VIEW);
        // com.android.providers.calendar.CalendarProvider
        intent.setFlags(android.content.Intent.FLAG_ACTIVITY_NEW_TASK);

        intent.setComponent(componentName);
        startActivity(intent);
    }
}
//alarmclock method
public void openAlarmClock(View view) {
    Intent alarmIntent = new Intent("android.intent.action.SET_ALARM");
    startActivity(alarmIntent);
}

```

```

//gmail method
    public void openEmail(View view) {
        Intent gmailIntent = new Intent();
        PackageManager manager = getPackageManager();
        gmailIntent = manager.getLaunchIntentForPackage("com.google.android.gm");
        gmailIntent.addCategory(Intent.CATEGORY_LAUNCHER);
        startActivity(gmailIntent);

    }

//browser method
    public void openBrowser(View view) {
        Intent browserIntent = new Intent(Intent.ACTION_VIEW,
Uri.parse("http://www.google.com"));
        startActivity(browserIntent);

    }

//close app method
    public void closeApp(View view) {

        Intent intent = new Intent(Intent.ACTION_MAIN);
        intent.addCategory(Intent.CATEGORY_HOME);
        intent.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK);
        startActivity(intent);
    }
}

```

## MenuFragment. Java

```

package com.home;
import java.util.List;
import android.app.AlertDialog;
import android.content.DialogInterface;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.content.pm.ResolveInfo;
import android.net.Uri;
import android.os.Bundle;
import android.provider.MediaStore;
import android.support.v4.app.ListFragment;
import android.view.View;

```

```

import android.widget.AdapterView;
import android.widget.ListView;

public class MenuFragment extends ListFragment {

    @Override
    public void onActivityCreated(Bundle savedInstanceState) {
        super.onActivityCreated(savedInstanceState);

        setListAdapter(new ArrayAdapter<String>(getActivity(),
            android.R.layout.simple_list_item_1, new String[] { " Video", "
Music", " Gallery", " Youtube", " Maps", " Settings"}));
        getListView().setCacheColorHint(0);
    }

    @Override
    public void onItemClick(ListView l, View v, int position, long id) {
        super.onItemClick(l, v, position, id);
        switch (position) {
            //Video
            case 0: Intent videoIntent = new Intent(MediaStore.ACTION_VIDEO_CAPTURE);
                startActivity(videoIntent);
                break;

            //Music
            case 1: Intent musicIntent = new Intent("android.intent.action.MUSIC_PLAYER");
                startActivity(musicIntent);
                break;

            //Gallery
            case 2: Intent galleryIntent = new Intent(Intent.ACTION_VIEW,
Uri.parse("content://media/internal/images/media"));
                startActivity(galleryIntent);
                break;

            //Youtube
            case 3: Intent youtubeIntent = new Intent(Intent.ACTION_VIEW,
Uri.parse("http://www.youtube.com"));
                startActivity(youtubeIntent);
                break;

            //Maps
            case 4:
                Uri location = Uri.parse("geo:0,0?q=2201+260th+St.,+Waubun,+Minnesota");

```

```

        Intent mapIntent = new Intent(Intent.ACTION_VIEW, location);
        startActivity(mapIntent);

        break;

        //Settings
        case 5: startActivity(new Intent(android.provider.Settings.ACTION_SETTINGS));
        break;
    }
    ((MenuActivity) getActivity()).getSlideoutHelper().close();
}
}

```

## MenuActivity. Java

```

package com.home;
import android.os.Bundle;
import android.support.v4.app.FragmentActivity;
import android.view.KeyEvent;
import com.korovyansk.android.slideout.SlideoutHelper;
public class MenuActivity extends FragmentActivity{

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        mSlideoutHelper = new SlideoutHelper(this);
        mSlideoutHelper.activate();

        getSupportFragmentManager().beginTransaction().add(com.korovyansk.android.slideout.R.id.slideout_placeholder, new MenuFragment(), "menu").commit();
        mSlideoutHelper.open();
    }
    @Override
    public boolean onKeyDown(int keyCode, KeyEvent event) {
        if(keyCode == KeyEvent.KEYCODE_BACK){
            mSlideoutHelper.close();
            return true;
        }
        return super.onKeyDown(keyCode, event);
    }
    public SlideoutHelper getSlideoutHelper(){
        return mSlideoutHelper;
    }
}

```

```

        }
        private SlideoutHelper mSlideoutHelper;
    }

```

## Help. Java

```

package com.home;
import android.os.Bundle;
import android.app.Activity;
import android.view.Menu;

public class Help extends Activity {
    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_help);
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        getMenuInflater().inflate(R.menu.activity_help, menu);
        return true;
    }
}

```

## BootReceiver.Java

```

package com.home;
import android.content.BroadcastReceiver;
import android.content.Context;
import android.content.Intent;

public class BootReceiver extends BroadcastReceiver
{
    @Override
    public void onReceive(Context context, Intent intent) {

        Intent myIntent = new Intent(context, SampleActivity.class);
        myIntent.addFlags(Intent.FLAG_ACTIVITY_NEW_TASK);
        context.startActivity(myIntent);
    }
}

```

## About.Java

```
package com.home;
import android.os.Bundle;
import android.app.Activity;
import android.view.Menu;
public class About extends Activity {
    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_about);
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        getMenuInflater().inflate(R.menu.activity_about, menu);
        return true;
    }
}
```

## BuildConfig.Java

```
/** Automatically generated file. DO NOT MODIFY */
package com.home;

public final class BuildConfig {
    public final static boolean DEBUG = true;
}
```

## R.Java

```
/* AUTO-GENERATED FILE. DO NOT MODIFY.
 *
 * This class was automatically generated by the
 * aapt tool from the resource data it found. It
 * should not be modified by hand.
 */
package com.home;
public final class R {
    public static final class attr {
    }
    public static final class color {
```



```

    public static final int clockcolor=0x7f050000;
}
public static final class drawable {
    public static final int alarmclock=0x7f020000;
    public static final int bg_android=0x7f020001;
    public static final int bg_android_reverse=0x7f020002;
    public static final int bluetooth=0x7f020003;
    public static final int browser=0x7f020004;
    public static final int calendar=0x7f020005;
    public static final int camera=0x7f020006;
    public static final int clock=0x7f020007;
    public static final int contacts=0x7f020008;
    public static final int dialer=0x7f020009;
    public static final int email=0x7f02000a;
    public static final int facebook=0x7f02000b;
    public static final int ic_action_search=0x7f02000c;
    public static final int ic_launcher=0x7f02000d;
    public static final int phone=0x7f02000e;
    public static final int text=0x7f02000f;
    public static final int toggle=0x7f020010;
    public static final int wifi=0x7f020011;
}
public static final class id {
    public static final int about=0x7f080011;
    public static final int alarm_clock_button=0x7f08000a;
    public static final int browser_button=0x7f080008;
    public static final int calendar_button=0x7f08000b;
    public static final int camera_button=0x7f080003;
    public static final int close_app=0x7f080012;
    public static final int contacts_button=0x7f080006;
    public static final int dialer_button=0x7f080005;
    public static final int digitalClock=0x7f08000c;
    public static final int email_button=0x7f080009;
    public static final int facebook_button=0x7f080004;
    public static final int help=0x7f080010;
    public static final int inner_content=0x7f080000;
    public static final int menu_settings=0x7f08000f;
    public static final int relativeLayout1=0x7f080001;
    public static final int sample_button=0x7f080002;
    public static final int slidedout_cover=0x7f08000e;
    public static final int slideout_placeholder=0x7f08000d;
    public static final int text_button=0x7f080007;
}
public static final class layout {

```

```

    public static final int activity_about=0x7f030000;
    public static final int activity_help=0x7f030001;
    public static final int homescreen=0x7f030002;
    public static final int slideout=0x7f030003;
}
public static final class menu {
    public static final int activity_about=0x7f070000;
    public static final int activity_help=0x7f070001;
    public static final int menu=0x7f070002;
}
public static final class string {
    public static final int about_screen_string=0x7f04000d;
    public static final int alarm_clock_string=0x7f040012;
    public static final int app_name=0x7f040001;
    public static final int browser_string=0x7f040014;
    public static final int button1_string=0x7f040002;
    public static final int button2_string=0x7f040004;
    public static final int button3_string=0x7f040003;
    public static final int calendar_string=0x7f040011;
    public static final int camera_button_string=0x7f040009;
    public static final int contacts_button_string=0x7f040008;
    public static final int dialer_button_string=0x7f040005;
    public static final int digitalclock=0x7f040015;
    public static final int email_string=0x7f040013;
    public static final int facebook_button_string=0x7f04000b;
    public static final int hello=0x7f040000;
    public static final int help_screen_string=0x7f04000c;
    public static final int menu_settings=0x7f040010;
    public static final int sample_button_string=0x7f040006;
    public static final int text_button_string=0x7f040007;
    public static final int title_activity_about=0x7f04000e;
    public static final int title_activity_help=0x7f04000f;
    public static final int video_button_string=0x7f04000a;
}
public static final class style {
    public static final int AppTheme=0x7f060000;
    public static final int MenuTheme=0x7f060001;
}
}

```

## Layout Codes

### homescreen.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/inner_content"
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:background="#FFFFFF" >

    <RelativeLayout
        android:id="@+id/relativeLayout1"
        android:layout_width="fill_parent"
        android:layout_height="45dip"
        android:background="#FFFFFF"
        android:paddingLeft="2dip"
        android:paddingRight="2dip" >

        <Button
            android:id="@+id/sample_button"
            android:layout_width="35dip"
            android:layout_height="wrap_content"
            android:layout_alignParentLeft="true"
            android:layout_alignParentTop="true"
            android:layout_centerVertical="true"
            android:layout_marginRight="1dip"
            android:layout_marginLeft="1dip"
            android:layout_marginBottom="1dip"
            android:layout_marginTop="1dip"
            android:clipToPadding="true"

            />
    </RelativeLayout>

    <ImageButton
        android:id="@+id/camera_button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentBottom="true"
        android:layout_alignParentLeft="true"
        android:background="@null"
```

```
android:contentDescription="@string/camera_button_string"
android:gravity="center"
android:onClick="openCamera"
android:paddingBottom="1dp"
android:paddingLeft="1dp"
android:src="@drawable/camera" />
```

```
<ImageButton
    android:id="@+id/facebook_button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentBottom="true"
    android:layout_toRightOf="@+id/camera_button"
    android:background="@null"
    android:contentDescription="@string/facebook_button_string"
    android:onClick="openFacebook"
    android:paddingBottom="1dp"
    android:paddingLeft="1dp"
    android:src="@drawable/facebook" />
```

```
<ImageButton
    android:id="@+id/dialer_button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_above="@+id/contacts_button"
    android:layout_alignParentRight="true"
    android:layout_alignParentTop="true"
    android:background="@null"
    android:contentDescription="@string/dialer_button_string"
    android:gravity="center"
    android:onClick="makeCall"
    android:paddingBottom="1dp"
    android:paddingLeft="1dp"
    android:paddingRight="1dp"
    android:paddingTop="1dp"
    android:src="@drawable/dialer" />
```

```
<ImageButton
    android:id="@+id/text_button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_above="@+id/facebook_button"
    android:layout_alignParentRight="true"
    android:layout_toRightOf="@+id/browser_button"
```

```
android:background="@null"
android:contentDescription="@string/text_button_string"
android:cropToPadding="true"
android:gravity="center"
android:onClick="openText"
android:paddingBottom="1dp"
android:paddingLeft="1dp"
android:paddingRight="1dp"
android:src="@drawable/text" />
```

```
<ImageButton
    android:id="@+id/browser_button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_above="@+id/facebook_button"
    android:layout_alignLeft="@+id/facebook_button"
    android:background="@null"
    android:contentDescription="@string/browser_string"
    android:onClick="openBrowser"
    android:paddingBottom="1dp"
    android:paddingLeft="1dp"
    android:src="@drawable/browser" />
```

```
<ImageButton
    android:id="@+id/email_button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_above="@+id/browser_button"
    android:layout_alignLeft="@+id/browser_button"
    android:background="@null"
    android:contentDescription="@string/email_string"
    android:onClick="openEmail"
    android:paddingBottom="1dp"
    android:paddingLeft="1dp"
    android:src="@drawable/email" />
```

```
<ImageButton
    android:id="@+id/contacts_button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_above="@+id/text_button"
    android:layout_alignLeft="@+id/text_button"
    android:layout_alignParentRight="true"
    android:background="@null"
    android:contentDescription="@string/contacts_button_string"
```

```
android:cropToPadding="true"
android:gravity="center"
android:onClick="openContacts"
android:paddingBottom="1dp"
android:paddingLeft="1dp"
android:paddingRight="1dp"
android:src="@drawable/contacts" />
```

```
<ImageButton
    android:id="@+id/alarm_clock_button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_above="@+id/camera_button"
    android:layout_alignParentLeft="true"
    android:background="@null"
    android:contentDescription="@string/alarm_clock_string"
    android:onClick="openAlarmClock"
    android:paddingBottom="1dp"
    android:paddingLeft="1dp"
    android:src="@drawable/alarmclock" />
```

```
<ImageButton
    android:id="@+id/calendar_button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentLeft="true"
    android:layout_below="@+id/dialer_button"
    android:background="@null"
    android:contentDescription="@string/calendar_string"
    android:onClick="openCalendar"
    android:paddingBottom="1dp"
    android:paddingLeft="1dp"
    android:src="@drawable/calendar" />
```

```
<DigitalClock
    android:id="@+id/digitalClock"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_above="@+id/email_button"
    android:layout_below="@+id/relativeLayout1"
    android:layout_toLeftOf="@+id/dialer_button"
    android:background="#00FF00"
    android:clipToPadding="true"
    android:paddingBottom="1dp"
    android:paddingLeft="1dp"
```

```
        android:paddingRight="1dp"
        android:paddingTop="1dp"
        android:text="@string/digitalclock"
        android:textColor="#FFFFFF"
        android:textColorLink="@color/clockcolor"
        android:textSize="50dp" />
```

```
</RelativeLayout>
```

## **activity\_help.xml**

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent" >
```

```
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_centerVertical="true"
        android:text="@string/help_screen_string"
        tools:context=".Help" />
```

```
</RelativeLayout>
```

## **activity\_about.xml**

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent" >
```

```
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_centerVertical="true"
        android:text="@string/about_screen_string"
        tools:context=".About" />
```

```
</RelativeLayout>
```

## Menu Codes

### **menu.xml**

```
<menu xmlns:android="http://schemas.android.com/apk/res/android">
    <item android:id="@+id/menu_settings"
        android:title="@string/menu_settings"
        android:orderInCategory="100"
        android:showAsAction="never" />

    <item android:id="@+id/help"
        android:title="Help" />
    <item android:id="@+id/about"
        android:title="About" />
    <item android:id="@+id/close_app"
        android:title="Close Application" />

</menu>
```

### **activity\_help.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android" >
    <item android:id="@+id/menu_settings"
        android:title="@string/menu_settings"
        android:orderInCategory="100"
        android:showAsAction="never" />

</menu>
```

### **activity\_about.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android" >
    <item android:id="@+id/menu_settings"
        android:title="@string/menu_settings"
        android:orderInCategory="100"
        android:showAsAction="never" />

</menu>
```



## Values Codes

### **strings.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<resources>

    <string name="hello">Hello World, SampleActivity!</string>
    <string name="app_name">Sample Slide-out Navaigation</string>
    <string name="button1_string">Button 1 Testing</string>
    <string name="button3_string">Button 3 Testing</string>
    <string name="button2_string">Testing Button 2</string>
    <string name="dialer_button_string">Dialer</string>
    <string name="sample_button_string">&gt;</string>
    <string name="text_button_string">Text</string>
    <string name="contacts_button_string">Contacts</string>
    <string name="camera_button_string">Camera</string>
    <string name="video_button_string">Video</string>
    <string name="facebook_button_string">Facebook</string>
    <string name="help_screen_string">This is the Help Screen</string>
    <string name="about_screen_string">This is the About Screen</string>
    <string name="title_activity_about">About</string>
    <string name="title_activity_help">Help</string>
    <string name="menu_settings">Settings</string>
    <string name="calendar_string">Calendar</string>
    <string name="alarm_clock_string">Alarm Clock</string>
    <string name="email_string">Email</string>
    <string name="browser_string">Internet</string>
    <string name="digitalclock">Clock</string>
    <color name="clockcolor">#1AB5EE</color>

</resources>
```

### **styles.xml**

```
<resources>

    <style name="AppTheme" parent="android:Theme.NoTitleBar" />
        <style name="MenuTheme" parent="android:Theme.NoTitleBar" />
</resources>
```

## Slideout Activity

### Source Codes

#### **SlideoutActivity.java**

```
package com.korovyansk.android.slideout;
import android.app.Activity;
import android.os.Bundle;
import android.view.KeyEvent;
public class SlideoutActivity extends Activity {

    public static void prepare(Activity activity, int id, int width){
        SlideoutHelper.prepare(activity, id, width);
    }

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        mSlideoutHelper.activate();
        mSlideoutHelper.open();
    }

    @Override
    public boolean onKeyDown(int keyCode, KeyEvent event) {
        if(keyCode == KeyEvent.KEYCODE_BACK){
            mSlideoutHelper.close();
            return true;
        }
        return super.onKeyDown(keyCode, event);
    }

    private SlideoutHelper mSlideoutHelper;
}
```

#### **SlideoutHelper.java**

```
package com.korovyansk.android.slideout;
import android.app.Activity;
import android.content.Context;
import android.graphics.Bitmap;
```

```

import android.graphics.Rect;
import android.view.View;
import android.view.View.OnClickListener;
import android.view.ViewGroup;
import android.view.Window;
import android.view.WindowManager;
import android.view.animation.Animation;
import android.view.animation.Animation.AnimationListener;
import android.view.animation.TranslateAnimation;
import android.widget.ImageView;
import android.widget.RelativeLayout.LayoutParams;

public class SlideoutHelper {

    private static Bitmap sCoverBitmap = null;
    private static int sWidth = -1;

    public static void prepare(Activity activity, int id, int width) {
        if (sCoverBitmap != null) {
            sCoverBitmap.recycle();
        }
        Rect rectgle = new Rect();
        Window window = activity.getWindow();
        window.getDecorView().getWindowVisibleDisplayFrame(rectgle);
        int statusBarHeight = rectgle.top;

        ViewGroup v1 = (ViewGroup) activity.findViewById(id).getRootView();
        v1.setDrawingCacheEnabled(true);
        Bitmap source = Bitmap.createBitmap(v1.getDrawingCache());
        v1.setDrawingCacheEnabled(false);
        if (statusBarHeight != 0) {
            sCoverBitmap = Bitmap.createBitmap(source, 0, statusBarHeight,
source.getWidth(), source.getHeight() - statusBarHeight);
            source.recycle();
        } else {
            sCoverBitmap = source;
        }
        sWidth = width;
    }

    public SlideoutHelper(Activity activity) {
        this(activity, false);
    }
}

```

```

public SlideoutHelper(Activity activity, boolean reverse) {
    mActivity = activity;
    mReverse = reverse;
}

public void activate() {
    mActivity setContentView(R.layout.slideout);
    mCover = (ImageView) mActivity.findViewById(R.id.slidedout_cover);
    mCover.setImageBitmap(sCoverBitmap);
    mCover.setOnClickListener(new OnClickListener() {
        @Override
        public void onClick(View v) {
            close();
        }
    });
    int x = (int) (sWidth * 1.2f);
    if (mReverse) {
        @SuppressWarnings("deprecation")
        final android.widget.AbsoluteLayout.LayoutParams lp = new
android.widget.AbsoluteLayout.LayoutParams(LayoutParams.FILL_PARENT,
LayoutParams.FILL_PARENT, x, 0);
        mActivity.findViewById(R.id.slideout_placeholder).setLayoutParams(lp);
    } else{
        @SuppressWarnings("deprecation")
        final android.widget.AbsoluteLayout.LayoutParams lp = new
android.widget.AbsoluteLayout.LayoutParams(LayoutParams.FILL_PARENT,
LayoutParams.FILL_PARENT, 0, 0);
        mActivity.findViewById(R.id.slideout_placeholder).setLayoutParams(lp);
    }
    initAnimations();
}

public void open() {
    mCover.startAnimation(mStartAnimation);
}

public void close() {
    mCover.startAnimation(mStopAnimation);
}

protected void initAnimations() {
    int displayWidth = ((WindowManager)
mActivity.getSystemService(Context.WINDOW_SERVICE)).getDefaultDisplay().getWidth();
    final int shift = (mReverse ? -1 : 1) * (sWidth - displayWidth);

```

```

mStartAnimation = new TranslateAnimation(
    TranslateAnimation.ABSOLUTE, 0,
    TranslateAnimation.ABSOLUTE, -shift,
    TranslateAnimation.ABSOLUTE, 0,
    TranslateAnimation.ABSOLUTE, 0
);

mStopAnimation = new TranslateAnimation(
    TranslateAnimation.ABSOLUTE, 0,
    TranslateAnimation.ABSOLUTE, shift,
    TranslateAnimation.ABSOLUTE, 0,
    TranslateAnimation.ABSOLUTE, 0
);
mStartAnimation.setDuration(DURATION_MS);
mStartAnimation.setFillAfter(true);
mStartAnimation.setAnimationListener(new AnimationListener() {

    @Override
    public void onAnimationStart(Animation animation) {
    }

    @Override
    public void onAnimationRepeat(Animation animation) {
    }

    @Override
    public void onAnimationEnd(Animation animation) {
        mCover.setAnimation(null);
        @SuppressWarnings("deprecation")
        final android.widget.AbsoluteLayout.LayoutParams lp = new
android.widget.AbsoluteLayout.LayoutParams(LayoutParams.FILL_PARENT,
LayoutParams.FILL_PARENT, -shift, 0);
        mCover.setLayoutParams(lp);
    }
});

mStopAnimation.setDuration(DURATION_MS);
mStopAnimation.setFillAfter(true);
mStopAnimation.setAnimationListener(new AnimationListener() {

    @Override
    public void onAnimationStart(Animation animation) {
    }

```

```

        @Override
        public void onAnimationRepeat(Animation animation) {
        }

        @Override
        public void onAnimationEnd(Animation animation) {
            mActivity.finish();
            mActivity.overridePendingTransition(0, 0);
        }
    });
}

private static final int DURATION_MS = 100;
private ImageView mCover;
private Activity mActivity;
private boolean mReverse = false;
private Animation mStartAnimation;
private Animation mStopAnimation;
}

```

## ScreenShot.java

```

package com.korovyansk.android.slideout.utils;
import android.app.Activity;
import android.graphics.Bitmap;
import android.graphics.Bitmap.Config;
import android.graphics.Canvas;
import android.view.View;

public class ScreenShot {
    private final View view;

    /** Create snapshots based on the view and its children. */
    public ScreenShot(View root) {
        this.view = root;
    }

    /** Create snapshot handler that captures the root of the whole activity. */
    public ScreenShot(Activity activity) {
        final View contentView = activity.findViewById(android.R.id.content);
        this.view = contentView.getRootView();
    }
}

```

```

    /** Create snapshot handler that captures the view with target id of the activity. */
    public ScreenShot(Activity activity, int id) {
        this.view = activity.findViewById(id);
    }

    /** Take a snapshot of the view. */
    public Bitmap snap() {
        Bitmap bitmap = Bitmap.createBitmap(this.view.getWidth(),
            this.view.getHeight(), Config.ARGB_8888);
        Canvas canvas = new Canvas(bitmap);
        view.draw(canvas);
        return bitmap;
    }
}

```

## Layout Codes

### slideout.xml

```

<?xml version="1.0" encoding="utf-8"?>
<AbsoluteLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent">

    <FrameLayout
        android:id="@+id/slideout_placeholder"
        android:layout_width="fill_parent"
        android:layout_height="fill_parent"
        android:background="#777777"/>

    <ImageView
        android:id="@+id/slidedout_cover"
        android:layout_width="fill_parent"
        android:layout_height="fill_parent"
        android:scaleType="fitXY" />

</AbsoluteLayout>

```

## Values Codes

### **strings.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<resources>

    <string name="hello">Hello World, MamlakatiActivity!</string>
    <string name="app_name">Mamlakati</string>

</resources>
```